

Title (en)
ELECTRONIC SHELF LABEL AND METHOD THEREFORE

Title (de)
ELEKTRONISCHES REGALETIKETT UND VERFAHREN DAFÜR

Title (fr)
ÉTIQUETTE DE RAYON ÉLECTRONIQUE ET PROCÉDÉ ASSOCIÉ

Publication
EP 3531402 A1 20190828 (EN)

Application
EP 18158848 A 20180227

Priority
EP 18158848 A 20180227

Abstract (en)
There is provided a method and electronic shelf label, ESL, 100 comprising a multi-stable display 105 for displaying information and a battery 104 for providing electrical power to the ESL, which ESL is arranged for indicating when a battery power level of the battery reaches a level insufficient for providing reliable updating of the multi-stable display. The remaining power level of a battery providing electric power to the ESL is monitored by means of a battery control means 106 for determining if the power level of the battery drops below a first preselected threshold value corresponding to a critical power level, and in response thereof the multi-stable display is updated according to a first predetermined information associated with the critical power level.

IPC 8 full level
G09F 3/20 (2006.01)

CPC (source: EP US)
G06F 1/28 (2013.01 - US); **G06F 1/3212** (2013.01 - US); **G08B 5/22** (2013.01 - US); **G08B 21/182** (2013.01 - US); **G09F 3/208** (2013.01 - EP US); **G09G 3/344** (2013.01 - US); **G09G 2330/021** (2013.01 - US); **G09G 2380/04** (2013.01 - US); **H02J 7/0048** (2020.01 - US)

Citation (applicant)
US 7170570 B2 20070130 - KIM DONG-GYU [KR], et al

Citation (search report)
• [X] GB 2503998 A 20140115 - SAMSUNG ELECTRO MECH [KR]
• [X] EP 2884621 A1 20150617 - SAMSUNG ELECTRO MECH [KR]
• [X] JP 2001266252 A 20010928 - TOSHIBA TEC KK
• [X] EP 1152366 A2 20011107 - TOSHIBA TEC KK [JP]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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